



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
Fax 613 632-5246

**D205-523-023**  
**Job Sheet 198740**



**Part No:** D205-523-023

**Job Qty:** 2 pcs

**Part Name:** 300 Hour Inspection



**Part Weight:** 0 lbs

**Status:** New

**Priority:** Medium

**Job Created:** 8/6/19

**Job Tracking No:**

**Due Date:** 8/12/19

**Created By:** Marie Lajeunesse

**Type:** SOLD

**Description:** ORDER 18545

**Note:** ICA D205-523 REV.1 IPP Rev:A New Issue 07-07-16 JLM Verified by:EC

**Ship Via:**

### Bill of Materials

### Job Routing

| Op<br>No | Operation              | Qty   | Start Date | Due<br>Date | Standard     |            | Workcenter/Supplier   |           | Sign-off |
|----------|------------------------|-------|------------|-------------|--------------|------------|-----------------------|-----------|----------|
|          |                        |       |            |             | Setup<br>Hrs | Run<br>Hrs | Workcenter / Supplier | Lead Time |          |
| 110      | Packaging 1 - Pick Kit | 2 pcs |            | 8/12/19     | 0.00         | 0.00       | Packaging 1 - 1       |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 2       |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 3       |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 4       |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 5       |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 6       |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 7       |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 8       |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 9       |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 10      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 11      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 12      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 13      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 14      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 15      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 16      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 17      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 18      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 19      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 20      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 21      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 22      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 23      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 24      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 25      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 26      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 27      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 28      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 29      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 30      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 31      |           |          |

**DART**  
AEROSPACE  
Container No: S204608  
Part: D205-523-023  
Job No: 198740  
Serial No/Batch: S204608  
Revision: 1  
Inspector:  
Exp Date:  
Instructions: Various STC's  
Date: 08/12/19

Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Canada  
Tel: 1 613 632-5200  
Email: sales@dartaero.com  
www.dartaerospace.com

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|     |                             |       |         |           |                        |  |
|-----|-----------------------------|-------|---------|-----------|------------------------|--|
| 120 | QC 4                        | 2 pcs | 8/12/19 | 0.00 0.00 | Packaging 1 - 32       |  |
|     |                             |       |         |           | Packaging 1 - 33       |  |
|     |                             |       |         |           | Packaging 1 - 34       |  |
|     |                             |       |         |           | Packaging 1 - 35       |  |
|     |                             |       |         |           | Packaging 1 - 36       |  |
|     |                             |       |         |           | QC 4 - 28              |  |
|     |                             |       |         |           | QC 4 - 58              |  |
|     |                             |       |         |           | QC 4 - 69              |  |
|     |                             |       |         |           | QC 4 - 9               |  |
|     |                             |       |         |           | QC 4 - 46              |  |
| 130 | Packaging 3-1 - Stock - B4B | 2 pcs | 8/12/19 | 0.00 0.00 | QC 4 - 68              |  |
|     |                             |       |         |           | QC 4 - 72              |  |
|     |                             |       |         |           | QC 4 - 74              |  |
|     |                             |       |         |           | QC 4 - 75              |  |
|     |                             |       |         |           | Packaging 3 - 1 - B4B  |  |
|     |                             |       |         |           | Packaging 3 - 2 - B4B  |  |
|     |                             |       |         |           | Packaging 3 - 3 - B4B  |  |
|     |                             |       |         |           | Packaging 3 - 4 - B4B  |  |
|     |                             |       |         |           | Packaging 3 - 5 - B4B  |  |
|     |                             |       |         |           | Packaging 3 - 6 - B4B  |  |
| 135 | DC - 1 - B4B                | 2 pcs | 8/12/19 | 0.00 0.00 | Packaging 3 - 7 - B4B  |  |
|     |                             |       |         |           | Packaging 3 - 8 - B4B  |  |
|     |                             |       |         |           | Packaging 3 - 9 - B4B  |  |
|     |                             |       |         |           | Packaging 3 - 10 - B4B |  |
|     |                             |       |         |           | Packaging 3 - 11 - B4B |  |
|     |                             |       |         |           | Packaging 3 - 12 - B4B |  |
|     |                             |       |         |           | Packaging 3 - 13 - B4B |  |
|     |                             |       |         |           | Packaging 3 - 14 - B4B |  |
|     |                             |       |         |           | Packaging 3 - 15 - B4B |  |
|     |                             |       |         |           | Packaging 3 - 16 - B4B |  |
| 140 | QC 21 - FG                  | 2 pcs | 8/12/19 | 0.00 0.00 | Packaging 3 - 17 - B4B |  |
|     |                             |       |         |           | Packaging 3 - 18 - B4B |  |
|     |                             |       |         |           | Packaging 3 - 19 - B4B |  |
|     |                             |       |         |           | Packaging 3 - 20 - B4B |  |
|     |                             |       |         |           | Packaging 3 - 21 - B4B |  |
|     |                             |       |         |           | Packaging 3 - 22 - B4B |  |
|     |                             |       |         |           | Packaging 3 - 23 - B4B |  |
|     |                             |       |         |           | Packaging 3 - 24 - B4B |  |
|     |                             |       |         |           | Packaging 3 - 25 - B4B |  |
|     |                             |       |         |           | Packaging 3 - 26 - B4B |  |
|     |                             |       |         |           | Packaging 3 - 27 - B4B |  |
|     |                             |       |         |           | Packaging 3 - 28 - B4B |  |
|     |                             |       |         |           | Packaging 3 - 29 - B4B |  |
|     |                             |       |         |           | Packaging 3 - 30 - B4B |  |
|     |                             |       |         |           | Packaging 3 - 31 - B4B |  |
|     |                             |       |         |           | Packaging 3 - 32 - B4B |  |
|     |                             |       |         |           | Packaging 3 - 33 - B4B |  |
|     |                             |       |         |           | Packaging 3 - 34 - B4B |  |
|     |                             |       |         |           | Packaging 3 - 35 - B4B |  |
|     |                             |       |         |           | Packaging 3 - 36 - B4B |  |
| 135 | DC - 1 - B4B                | 2 pcs | 8/12/19 | 0.00 0.00 | DC - 1 - B4B           |  |
|     |                             |       |         |           | DC - 2 - B4B           |  |
| 140 | QC 21 - FG                  | 2 pcs | 8/12/19 | 0.00 0.00 | QC 21 - FG - 21        |  |
|     |                             |       |         |           | QC 21 - FG - 70        |  |
|     |                             |       |         |           | QC 21 - SA - 53        |  |

DAS  
75  
9-89

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9-89 AUC 14 2019

Part Op 120 - (QC4- 100% Inspect kits for completeness)  
 Descriptions: 130 - (Identify as per dwg & Stock Location: \_\_\_\_\_), Identify and pack for shipping as per PPP D205-523-023 Location: FG121  
 135 - Type labels per PPP D205-523-023 CHG 001  
 140 - (QC21- Final Inspection - Work Order Release)

**Job BOM**

| Part / Item   | Component Name | Quantity     | Operation                  | Container |
|---------------|----------------|--------------|----------------------------|-----------|
| AN5-14A       | Bolt           | 8 Ea (4 ea)  | 110-Packaging 1 - Pick Kit | 5193118   |
| D3012-1       | Decal          | 4 pcs (2 ea) | 110-Packaging 1 - Pick Kit | 5175029   |
| D3012-3       | Decal          | 4 pcs (2 ea) | 110-Packaging 1 - Pick Kit | 5175033   |
| D3012-5       | Decal          | 4 pcs (2 ea) | 110-Packaging 1 - Pick Kit | 5146558   |
| MS21042L5     | Nut            | 8 Ea (4 ea)  | 110-Packaging 1 - Pick Kit | 5180182   |
| MS21042L6     | Nut            | 4 Ea (2 ea)  | 110-Packaging 1 - Pick Kit | 5182056   |
| NAS1149D0563J | Washer         | 16 Ea (8 ea) | 110-Packaging 1 - Pick Kit | 5131097   |
| NAS1149D0663J | Washer         | 4 Ea (2 ea)  | 110-Packaging 1 - Pick Kit | 5167525   |

**Job Allocations**

| Operation                  | Component Part | Required | Inventory | Allocated |
|----------------------------|----------------|----------|-----------|-----------|
| 110-Packaging 1 - Pick Kit | AN5-14A        | 8        | 35        | 0         |
|                            | D3012-1        | 4        | 8         | 0         |
|                            | D3012-3        | 4        | 7         | 0         |
|                            | D3012-5        | 4        | 4         | 0         |
|                            | MS21042L5      | 8        | 395       | 0         |
|                            | MS21042L6      | 4        | 271       | 0         |
|                            | NAS1149D0563J  | 16       | 2,053     | 0         |
|                            | NAS1149D0663J  | 4        | 654       | 0         |

**Part Specifications**

Specifications could not be found.

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Entered: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. \_\_\_\_\_

Route update only ☐

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                        |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------|--|
| Job: _____<br><br>Part No. _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/> | <b>DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/><br/>           Machining <input type="checkbox"/><br/>           Large Fab <input type="checkbox"/> </div> <div>           Cross tube <input type="checkbox"/><br/>           Small Fab <input type="checkbox"/><br/>           Finishing <input type="checkbox"/> </div> <div>           Eng. (Non-AW) <input type="checkbox"/><br/>           Prod. Eng. Coord. <input type="checkbox"/><br/>           Rec/Store/Packaging <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/><br/>           Water Jet <input type="checkbox"/><br/>           Supplier <input type="checkbox"/><br/>           Quality <input type="checkbox"/> </div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                        |  |
| Date :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Sequence #:                                                                                                                       | QTY Affected :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | MRB (QSI042)           |  |
| Description Work Order Deviation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                   | Disposition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | Completed By           |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | Lead hand / Supervisor |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                        |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | QC / QA Coordinator    |  |
| <b>Root Cause</b><br><br><div style="display: flex; flex-direction: column; align-items: flex-start;"> <div>Operator <input type="checkbox"/></div> <div>Manufacturing Process <input type="checkbox"/></div> <div>Equip/Tooling <input type="checkbox"/></div> <div>Handling/Presservation <input type="checkbox"/></div> <div>Material <input type="checkbox"/></div> <div>Product Improvement <input type="checkbox"/></div> <div>Process Improvement <input type="checkbox"/></div> <div>Human Factors <input type="checkbox"/></div> </div> |                                                                                                                                   | <b>FAULT CATEGORY</b><br><br><div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <input type="checkbox"/> Pressure/Forced<br/> <input type="checkbox"/> Bending<br/> <input type="checkbox"/> Crushing<br/> <input type="checkbox"/> Cracks<br/> <input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist<br/> <input type="checkbox"/> Marks/Chatter<br/> <input type="checkbox"/> Mislabeled         </div> <div style="width: 50%;"> <input type="checkbox"/> Contamination<br/> <input type="checkbox"/> Misaligned/off center<br/> <input type="checkbox"/> BOM/Route<br/> <input type="checkbox"/> Broken/Damage/Defect<br/> <input type="checkbox"/> Incomplete/Unclear Instructions<br/> <input type="checkbox"/> Drill Holes<br/> <input type="checkbox"/> Fit/Function         </div> <div style="width: 50%;"> <input type="checkbox"/> Power Loss/Surge<br/> <input type="checkbox"/> Folio/Program<br/> <input type="checkbox"/> Grain Direction<br/> <input type="checkbox"/> Weld<br/> <input type="checkbox"/> Wrong Stock Pulled<br/> <input type="checkbox"/> Out of Sequence<br/> <input type="checkbox"/> Off-set/Set-up         </div> <div style="width: 50%;"> <input type="checkbox"/> Positioned Wrong<br/> <input type="checkbox"/> Outside Tolerance<br/> <input type="checkbox"/> Drawing<br/> <input type="checkbox"/> Finish<br/> <input type="checkbox"/> Part Lost/Missing<br/> <input type="checkbox"/> Misread         </div> </div> |  |                        |  |
| Other/Details:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                        |  |

## 25.4 WEIGHT AND BALANCE

| Installation | Weight            | LATERAL              |                             | LONGITUDINAL       |                          |
|--------------|-------------------|----------------------|-----------------------------|--------------------|--------------------------|
|              |                   | Arm                  | Moment                      | Arm                | Moment                   |
| D205-523-013 | 3.5 lb<br>1.59 kg | ±34.5 in<br>±0.876 m | ±120.75 in-lb<br>±1.39 m-kg | 116.8 in<br>2.97 m | 408.8 in-lb<br>4.72 m-kg |

## 25.5 PARTS LIST

| -013 | -023 | -043 | Part No.     | Description               |
|------|------|------|--------------|---------------------------|
| X    |      |      | D205-523-013 | HELI-RAPPEL™ INSTALLATION |
|      | X    |      | D205-523-023 | 300 HOUR INSPECTION KIT   |
| 1    |      | X    | D205-523-043 | SLIDE BAR ASSEMBLY        |
|      |      | 1    | D3011-1      | RAPPEL SLIDE BAR          |
|      |      | 2    | 33116        | STUD FITTING              |
|      | 2    | 2    | MS21042L6    | NUT (OR MS21042-6)        |
|      | 2    | 2    | AN960JD616   | WASHER                    |
|      | 2    | 2    | D3012-1      | DECAL                     |
|      | 2    | 2    | D3012-3      | DECAL                     |
|      | 2    | 2    | D3012-5      | DECAL                     |
| 1    |      |      | D2224        | RAPPEL ANCHOR             |
| 2    |      |      | D2229        | DOUBLER                   |
| 4    | 4    |      | AN5-14A      | BOLT                      |
| 8    | 8    |      | AN960JD516   | WASHER                    |
| 4    | 4    |      | MS21042L5    | NUT (OR MS21042-5)        |

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